Journal of Studies on Alcohol

SUPPLEMENT NO. 12

DECEMBER 1994

CONTENTS

Introduction

DONOVAN, D.M. AND MATTSON, M.E. Alcoholism Treatment Matching Research: Methodological and Clinical Issues 5

Section I: An Introduction to Multicenter Clinical Trials in Client-Treatment Matching Research: History, Rationale and Design (Mattson, M.E.) 15

MATTSON, M.E., ALLEN, J.P, LONGABAUGH, R., NICKLESS, C.J., CONNORS, G.J. AND KADDEN, R.M. A Chronological Review of Empirical Studies Matching Alcoholic Clients to Treatment 16

FULLER, R.K., MATTSON, M.E., ALLEN, J.P., RANDALL, C.L., ANTON, R.F. AND BABOR, T.F. Multisite Clinical Trials in Alcoholism Treatment Research: Organizational, Methodological and Management Issues 30

MILLER, W.R. AND COONEY, N.L. Designing Studies to Investigate Client-Treatment Matching 38

LONGABAUGH, R., WIRTZ, P.W., DICLEMENTE, C.C. AND LITT, M. Issues in the Development of Client-Treatment Matching Hypotheses 46

Section II: Methodological Issues in Treatment Matching Research (Stout, R.L.) 60

ZWEBEN, A., DONOVAN, D.M., RANDALL, C.L., BARRETT, D., DERMEN, K., KABELA, E., MCREE, B., MEYERS, R., RICE, C., ROSENGREN, D., SCHMIDT, P., SNOW, M., THEVOS, A.K. AND VELASQUEZ, M. Issues in the Development of Subject Recruitment Strategies and Eligibility Criteria in Multisite Trials of Matching 62

STOUT, R.L., WIRTZ, P.W., CARBONARI, J.P. AND DEL BOCA, F.K. Ensuring Balanced Distribution of Prognostic Factors in Treatment Outcome Research 70

WIRTZ, P.W., CARBONARI, J.P., MUENZ, L.R., STOUT, R.L., TONIGAN, J.S. AND CONNORS, G.J. Classical Analytical Methods for Detecting Matching Effects on Treatment Outcome 76

CARBONARI, J.P., WIRTZ, P.W., MUENZ, L.R. AND STOUT, R.L. Alternative Analytical Methods for Detecting Matching Effects in Treatment Outcomes 83

Section III: Assessment of Client Characteristics and Drinking Behavior (Connors, G.J.) 91

CONNORS, G.J., ALLEN, J.P., COONEY, N.L., DICLEMENTE, C.C., TONIGAN, J.S. AND ANTON, R.F. Assessment Issues and Strategies in Alcoholism Treatment Matching Research 92

Continued overleaf

Contents (continued)

BABOR, T.F., LONGABAUGH, R., ZWEBEN, A., FULLER, R.K., STOUT, R.L., ANTON, R.F. AND RANDALL, C.L. Issues in the Definition and Measurement of Drinking Outcomes in Alcoholism Treatment Research 101

MILLER, W.R. AND DEL BOCA, F.K. Measurement of Drinking Behavior Using the Form 90 Family of Instruments 112

LONGABAUGH, R., MATTSON, M.E., CONNORS, G.J. AND COONEY, N.L. Quality of Life as an Outcome Variable in Alcoholism Treatment Research 119

DEL BOCA, F.K., BABOR, T.F. AND MCREE, B. Reliability Enhancement and Estimation in Multisite Clinical Trials 130

Section IV: Treatment Selection, Treatment Implementation and Process Assessment in Matching Research (Carroll, K.M.) 137

DONOVAN, D.M., KADDEN, R.M., DICLEMENTE, C.C., CARROLL, K.M., LONGABAUGH, R., ZWEBEN, A. AND RYCHTARIK, R. Issues in the Selection and Development of Therapies in Alcoholism Treatment Matching Research 138

CARROLL, K.M., KADDEN, R.M., DONOVAN, D.M., ZWEBEN, A. AND ROUNSAVILLE, B.J. Implementing Treatment and Protecting the Validity of the Independent Variable in Treatment Matching Studies 149

DICLEMENTE, C.C., CARROLL, K.M., CONNORS, G.J. AND KADDEN, R.M. Process Assessment in Treatment Matching Research 156

Conclusion

MATTSON, M.E. AND DONOVAN, D.M. Clinical Applications: The Transition from Research to Practice 163

EPILOGUE 167

INDEX 169